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OCT 28 2005



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TO: U.S. PTO Art Unit 2878, Examiner Stephen K. Yam  
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SUBJECT: Serial No. 10/612,442, Response to Office Action

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Patent

OCT 28 2005 NASA Case No.: NPO-20821-1-CU

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor: Yu Wang

Serial No.: 10/612,442

Filed: June 30, 2003

For: MULTIFREQUENCY ULTRA-HIGH  
RESOLUTION MINIATURE  
SCANNING MICROSCOPE USING  
MICROCHANNEL AND SOLID-STATE  
SENSOR TECHNOLOGIES AND  
METHOD FOR SCANNING SAMPLES

Patent Examiner: Yam, Stephen K

Group Art Unit: 2878

RESPONSE TO OFFICE ACTION

In response to the Official Action dated October 12, 2005, the applicant hereby requests reconsideration and allowance of the application in view of the following.

Claims 7-9 stand rejected under 35 U.S.C. § 103(a) as unpatentable over Immega et al. (US 5,726,443). Claims 3-6 and 15-18 stand allowed.